

SAFETY DATA SHEET

IGL COATINGS™ ECOCLEAN AIR

Material no.

Specification

Version

154300

1.18

Revision date

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME : IGL Coatings™ ecoclean air
FUNCTION : Odour neutralizing agent
COMPANY : Ominent Sdn Bhd
ADDRESS : No.7, Jalan Majistret U1/26, Hicom-Glenmarie Industrial Park, Seksyen U1, 40150 Shah Alam, Selangor.
PHONE : +60355690980
EMAIL ADDRESS : regulations@iglcoatings.com

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Not classified as physical, health or environmental hazards under GHS criteria.

2.2 Label Elements

Regulation (EC) No. 1272/2008

This product is not entitled for any hazard pictogram under GHS criteria.

Signal Word

None

Hazard statements

None

Precautionary statements

P102 Keep out of reach of children.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| CAS No | Chemical Name | | | Quantity |
|-------------|---|----------------|-----------------------|----------|
| | EC No. | Index No. | REACH No. | |
| | Classification according to Regulation (EC) No. 1272/2008 (CLP) | | | |
| 7732-18-5 | Water | | | >90% |
| | 231-791-2 | Not applicable | Not applicable | |
| | Not applicable | | | |
| 13040-19-2 | Zinc ricinoleate | | | 3-5% |
| | 235-911-4 | Not applicable | 01-2119956639-19-0001 | |
| | Not applicable | | | |
| 164462-16-2 | Trisodium dicarboxymethyl alanite | | | 1-3% |
| | 605-362-9 | Not applicable | Not applicable | |
| | Not applicable | | | |
| 122-99-6 | Phenoxyethanol | | | 1-3 % |
| | 204-589-7 | 603-098-00-9 | 01-2119488943-21-0000 | |
| | Acute Tox. 4: H302; Eye Irr. 2: H319 | | | |
| 77-92-9 | Citric acid | | | 0.1-1% |
| | 201-069-1 | Not applicable | 01-2119457026-42-0000 | |
| | Eye Irr. 2: H319 | | | |

4. FIRST AID MEASURES

4.1 Description of first aid measures

General Information

Take off contaminated clothing.

After Inhalation

Provide fresh air. In all cases of doubt, or when symptoms persist, seek medical advice.

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After skin contact

Gently wash with plenty of soap and water. In case of skin irritation, seek medical treatment.

After contact with eyes

Rinse cautiously with water for several minutes.

In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water.

Do NOT induce vomiting.

In all cases of doubt, or when symptoms persist, seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

Foam, carbon dioxide, dry powder, water spray.

5.2 Unsuitable extinguishing media

None.

5.3 Special hazards arising from substance or mixture

In the event of fire, the following can be released: carbon dioxide, carbon monoxide, zinc oxide.

5.4 Advice for firefighters

As in any fire, wear self-contained positive pressure breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.

5.5 Unusual Fire Hazards:

None.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment (Refer to section 8).

6.2 Environmental precautions

Discharge into the drains or waterways must be avoided.

Do not discharge into subsoil/soil.

6.3 Methods and material for containment and cleaning up

Take up with absorbent materials.

Dispose of absorbed material in accordance with the regulation.

6.4 Reference to other sections

Safe handling: Refer to section 7

Personal protection equipment: Refer to section 8

Disposal: Refer to section 13

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling

Wear personal protection equipment (Refer to section 8).

Do not inhale gases/vapours/aerosols.

Advice on protection against fire and explosion

Not flammable.

Further information on handling

General protection and hygiene measures: Refer to section 8.

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7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Advice on storage compatibility

Do not store together with food and feeding stuffs.

Further information on storage conditions

Keep the packing dry and well-sealed to prevent contamination.

Recommended storage temperature: 20-25°C

Protect against UV-radiation/sunlight, heat and freezing.

7.3 Specific end use(s): Refer to section 1.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional Information: The lists valid during the making were used as basis.

8.2 Exposure Control

8.2.1 General protective and hygienic measures: Wash hands before breaks and at the end of work.

8.2.2 Personal protective equipment:

Respiratory protection: Wear a respiratory mask with filter(s) AP or use a self-contained respirator.

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Goggles recommended.

Body protection: Complete suit protecting against chemicals, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---------------------|--------------------------|
| Boiling Point | : 100 °C |
| Flash Point | : 100 °C |
| Specific Gravity | : 1 (at 20°C) |
| Density | : 1.01 g/cm ³ |
| Volatile Organic % | : 0 % |
| pH | : 8.5-9.5 |
| Evaporation Rate | : 1.06 (water=1) |
| Solubility in Water | : Water soluble |
| Appearance (color) | : Clear colorless liquid |
| Appearance (form) | : Liquid |
| Odour | : Citrus cucumber |

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10. STABILITY AND REACTIVITY

10.1 Reactivity: No further relevant information available.

10.2 Chemical stability: Stable under normal condition.

Thermal decomposition / conditions to avoid: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions: No dangerous reactions known.

10.4 Conditions to avoid: Avoid extreme temperature and direct sunlight.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: None with proper storage and handling.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects: No information available.

Skin corrosion/irritation: Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation: Shall not be classified as damage/irritant to eye.

Respiratory or skin sensitization: No information available.

Summary of evaluation of the CMR properties: Shall not be classified as a germ cell mutagenic, carcinogenic nor as a reproductive toxicant.

Specific target organ toxicity – single exposure: No information available.

Specific target organ toxicity – repeated exposure: No information available.

Aspiration hazard: No information available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Volume of ingredients used does not trigger toxicity classifications under the Globally Harmonized System of Classification and Labelling of Chemicals.

12.2 Process of degradability

Readily biodegradable.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB Assessment

The substance is not PBT/vPvB.

12.6 Other adverse effects

No data available.

13. DISPOSAL CONSIDERATION

13.1 Waste treatment methods

Dispose of contents/container in accordance with local/regional/national/international regulation.

Sewage disposal-related information

Do not empty into drains/sewers/water supplies.

Do not contaminate ponds, waterways or ditches with chemicals or used container.

13.2 Relevant provisions relating to waste

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

13.3 Remarks

Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. Please consider the relevant national or regional provisions.

14. TRANSPORT INFORMATION

14.1 IATA-DGR

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UN number : -
UN proper shipping name : Non dangerous goods
Transport hazard class(es) : -
Packing group : -
Environmental hazards : No
Special precautions for user : No data available.
Remarks : -

14.2 IMDG-Code

UN number : -
UN proper shipping name : Non dangerous goods
Transport hazard class(es) : -
Packing group : -
Environmental hazards : No
Marine pollutant : No
EmS Code : -

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

US Federal Regulations

US. Toxic Substances Control Act (TSCA)

All chemical substances in this material are included on the TSCA Inventory of Chemical Substances.

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Hazardous Substance List

None present or none present in regulated quantities.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Emergency Planning and Community Right-To-Know Act (EPCRA) Section 302 Extremely Hazardous Substance

None present or none present in regulated quantities.

Emergency Planning and Community Right-To-Know Act (EPCRA) Section 313 Toxics Release Inventory (TRI) Reporting

None present or none present in regulated quantities.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

None present or none present in regulated quantities.

US. State Regulation

US. California Proposition 65

No ingredient requiring a warning under CA Prop 65.

EU Regulation

EU. Directive 2012/18/EU (SEVESO III) on Major Accident Hazards Involving Dangerous Substances, Annex I:

Not applicable.

16. OTHER INFORMATION

Further information

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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